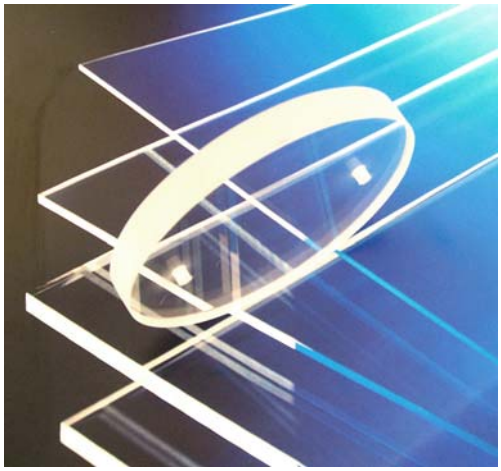
11 - Borosilicate Sheet Glass

Glasslite provides Borosilicate glass for lights which require resistance to extreme heat, thermal shock and chemicals.



Applications:

- Floodlights/Spotlights.
- Downlights.

Special Properties:

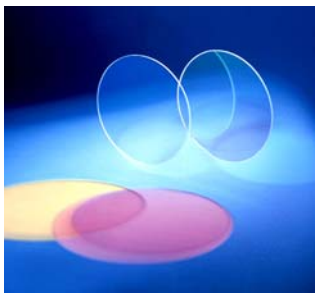
- **Low thermal expansion. High thermal shock resistance and its ability to withstand temperatures up to 450ºC.**
  RTG (resistance to thermal gradients): 120 - 160°C.
  RTS (resistance to thermal shock): 150 - 200°C.

  (All values for RTG and RTS are empirical values which diversify with thickness, size, finishing and conditions of assembly. Values can be above or below target).

- **High transparency** in the UV/visible/near IR range.
- **Mirror-like finish on both surfaces.**
- **Optical quality.**
- **High degree of flatness.**
- **Chemical resistance.**
- **Glass thickness:** standard stock
  2mm - 3mm - 5mm.
  Standard tolerances ± .3mm.

  Note: Other thicknesses available on request. Surcharge, minimum quantities and lead times apply.

- **Processed in a wide variety of shapes and sizes** to meet specific requirements.
- **Sandblasted finishes.**



Substrate Glass for Special Coatings

These composite materials expand the functions of the glass. The coatings can be used to control transmission, reflection and absorption:

- **Dichroic Colour Filters** *(see Section 12).*
- **Food Enhancement Filters** *(see Section 13).*
- **Colour Correction Filters** *(see Section 14).*
- **IR Filters.**

Additional technical support information available on request.